

Issuing Date 16-Nov-2009

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Revision Number 3

**1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**

**Product Code(s)** 05924, 05902  
**Product Name** Mothers Foaming Wheel & Tire Cleaner  
**Recommended Use** Car care

**Company**

MOTHERS POLISHES WAXES CLEANERS  
5456 Industrial Drive  
Huntington Beach, CA 92649  
TEL: 714-891-3364  
FAX: 714-893-1827

**Supplier**

MOTHERS POLISHES WAXES CLEANERS  
5456 Industrial Drive  
Huntington Beach, CA 92649  
TEL: 714-891-3364  
FAX: 714-893-1827

**For further information, please contact**

**E-mail Address** chemist@mothers.com

**Emergency Telephone Number** 029714-0900

**2. HAZARDS IDENTIFICATION**

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

**Classification**

Xi;R36/38

**Hazard Symbols**

Xi - Irritant

**Most Important Hazards**

Irritating to eyes and skin

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

| Chemical Name                           | EC-No     | REACH No.         | CAS-No    | Weight % | Classification                     |
|---|-----------|-------------------|-----------|----------|------------------------------------|
| Sodium lauryl sulfate                   | 205-788-1 | No data available | 151-21-3  | <10      | F;R11<br>Xn;R21/22<br>Xi;R36/37/38 |
| Ethylenediamine tetraacetic acid (EDTA) | 200-449-4 | No data available | 60-00-4   | <10      | Xi; R36                            |
| Sodium chloride                         | 231-598-3 | No data available | 7647-14-5 | <10      | Xn; R20                            |

|                              |           |                   |            |     |                        |
|------------------------------|-----------|-------------------|------------|-----|------------------------|
| Sodium metasilicate          | 229-912-9 | No data available | 6834-92-0  | <10 | C;R34<br>Xi;R37        |
| Alcohols, C6-12, ethoxylated | -         | No data available | 68439-45-2 | <1  | Xi;R41                 |
| Isopropyl alcohol            | 200-661-7 | No data available | 67-63-0    | <1  | F;R11<br>Xi;R36<br>R67 |

**For the full text of the R-phrases mentioned in this Section, see Section 16**

**4. FIRST AID MEASURES**

|                           |  |
|---------------------------|--|
| <b>General Advice</b>     | Immediate medical attention is not required. If symptoms persist, call a physician. Show this safety data sheet to the doctor in attendance.     |
| <b>Eye Contact</b>        | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.                  |
| <b>Skin Contact</b>       | Wash off immediately with soap and plenty of water. If symptoms persist, call a physician.   |
| <b>Ingestion</b>          | Rinse mouth. Drink plenty of water. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. Consult a physician.          |
| <b>Inhalation</b>         | Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms persist, call a physician. |
| <b>Notes to Physician</b> | Treat symptomatically.   |

**5. FIRE-FIGHTING MEASURES**

**Suitable Extinguishing Media**  
Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Extinguishing media which must not be used for safety reasons**  
No information available.

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**  
None in particular.

**Special protective equipment for fire-fighters**  
As in any fire, wear self-contained breathing apparatus and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

|                                  |  |
|----------------------------------|--|
| <b>Personal Precautions</b>      | Avoid contact with the skin and the eyes. If spilled, take caution, as material can cause surfaces to become very slippery.        |
| <b>Environmental Precautions</b> | Prevent further leakage or spillage if safe to do so. Do not flush into surface water or sanitary sewer system.                    |
| <b>Methods for Cleaning up</b>   | Soak up with inert absorbent material. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. |
| <b>Other Information</b>         | See Section 12 for additional information.   |

**7. HANDLING AND STORAGE**



|                         |                           |                                    |                           |
|-------------------------|---------------------------|------------------------------------|---------------------------|
| <b>Flash Point</b>      | No information available. | <b>Boiling Point/Boiling Range</b> | No information available. |
| <b>pH</b>               |                           | <b>Autoignition Temperature</b>    | No information available. |
| <b>Vapor Pressure</b>   | No information available  | <b>VOC Content (%)</b>             | No information available  |
| <b>Viscosity</b>        | No information available  | <b>Specific Gravity</b>            | 1.0105                    |
| <b>Evaporation Rate</b> | No information available  | <b>Vapor Density</b>               | No information available. |

**Flammability Limits in Air** No information available.

**Other information**

**Melting Point/Range** No information available.

**10. STABILITY AND REACTIVITY**

|   |  |
|---|--|
| <b>Stability</b>                        | Stable under normal conditions.          |
| <b>Conditions to Avoid</b>              | Do not freeze.                           |
| <b>Materials to Avoid</b>               | None in particular.                      |
| <b>Hazardous Decomposition Products</b> | None under normal use.                   |
| <b>Hazardous Polymerization</b>         | Hazardous polymerization does not occur. |

**11. TOXICOLOGICAL INFORMATION**

**Acute Toxicity**

**Product Information**

|                     |   |
|---------------------|---|
| <b>Inhalation</b>   | May cause irritation of respiratory tract. Avoid breathing vapors or mists. |
| <b>Eye Contact</b>  | Irritating to eyes.   |
| <b>Skin Contact</b> | Irritating to skin.   |
| <b>Ingestion</b>    | None known.   |

| <b>Chemical Name</b>                    | <b>LD50 Oral</b>     | <b>LD50 Dermal</b>                            | <b>LC50 Inhalation</b>              |
|---|----------------------|---|-------------------------------------|
| Isopropyl alcohol                       | = 4396 mg/kg ( Rat ) | 12800 mg/kg ( Rat )<br>12870 mg/kg ( Rabbit ) | 72.6 mg/L ( Rat ) 4 h               |
| Sodium metasilicate                     | = 600 mg/kg ( Rat )  |   |                                     |
| Sodium lauryl sulfate                   | = 1288 mg/kg ( Rat ) | = 580 mg/kg ( Rabbit )                        | >3900 mg/m <sup>3</sup> ( Rat ) 1 h |
| Sodium chloride                         | = 3 g/kg ( Rat )     | > 10 g/kg ( Rabbit )                          | > 42 g/m <sup>3</sup> ( Rat ) 1 h   |
| Ethylenediamine tetraacetic acid (EDTA) | = 1700 mg/kg ( Rat ) |   |                                     |

**Chronic Toxicity**

**Carcinogenicity** The table below indicates whether each agency has listed any ingredient as a carcinogen.

**Sensitization** May cause sensitization of susceptible persons.

**Target Organ Effects** Eyes. Respiratory system. Skin.

**Endocrine Disruptor Information** This product does not contain any known or suspected endocrine disruptors.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity**

Do not allow material to contaminate ground water system.

| Chemical Name                           | Toxicity to Algae   | Toxicity to Fish   | Toxicity to Microorganisms   | Daphnia Magna (Water Flea)   |
|---|---|--|--|--|
| Sodium lauryl sulfate                   | EC50 96 h: 3.59 - 15.6 mg/L static (Pseudokirchneriella subcapitata)<br>EC50 96 h: 30 - 100 mg/L (Desmodesmus subspicatus)<br>EC50 96 h: = 117 mg/L (Pseudokirchneriella subcapitata)<br>EC50 72 h: = 53 mg/L (Desmodesmus subspicatus) | LC50 96 h: 10.2-22.5 mg/L semi-static (Pimephales promelas)<br>LC50 96 h: 10.8-16.6 mg/L static (Poecilia reticulata)<br>LC50 96 h: 13.5-18.3 mg/L semi-static (Poecilia reticulata)<br>LC50 96 h: 15-18.9 mg/L static (Pimephales promelas)<br>LC50 96 h: 22.1-22.8 mg/L static (Pimephales promelas)<br>LC50 96 h: 4.06-5.75 mg/L static (Lepomis macrochirus)<br>LC50 96 h: 4.2-4.8 mg/L flow-through (Lepomis macrochirus)<br>LC50 96 h: 4.3-8.5 mg/L static (Oncorhynchus mykiss)<br>LC50 96 h: 5.8-7.5 mg/L static (Pimephales promelas)<br>LC50 96 h: 6.2-9.6 mg/L (Pimephales promelas)<br>LC50 96 h: 8-12.5 mg/L static (Pimephales promelas)<br>LC50 96 h: 9.9-20.1 mg/L semi-static (Brachydanio rerio)<br>LC50 96 h: = 1.31 mg/L semi-static (Cyprinus carpio)<br>LC50 96 h: = 4.2 mg/L (Oncorhynchus mykiss)<br>LC50 96 h: = 4.5 mg/L (Lepomis macrochirus)<br>LC50 96 h: = 4.62 mg/L flow-through (Oncorhynchus mykiss)<br>LC50 96 h: = 7.97 mg/L flow-through (Brachydanio rerio) | EC50 = 0.46 mg/L 30 min<br>EC50 = 0.72 mg/L 15 min<br>EC50 = 1.19 mg/L 5 min | EC50 48 h: = 1.8 mg/L (Daphnia magna)  |
| Ethylenediamine tetraacetic acid (EDTA) | EC50 72 h: = 1.01 mg/L (Desmodesmus subspicatus)  | LC50 96 h: 34-62 mg/L static (Lepomis macrochirus)<br>LC50 96 h: 44.2-76.5 mg/L static (Pimephales promelas)   |  | EC50 48 h: = 113 mg/L Static (Daphnia magna)   |
| Sodium chloride                         |   | LC50 96 h: 4747-7824 mg/L flow-through (Oncorhynchus mykiss)<br>LC50 96 h: 5560-6080 mg/L flow-through (Lepomis macrochirus)<br>LC50 96 h: 6020-7070 mg/L static (Pimephales promelas)<br>LC50 96 h: 6420-6700 mg/L static (Pimephales promelas)<br>LC50 96 h: = 12946 mg/L static (Lepomis macrochirus)<br>LC50 96 h: = 7050 mg/L semi-static (Pimephales promelas)   |  | EC50 48 h: 340.7 - 469.2 mg/L Static (Daphnia magna)<br>EC50 48 h: = 1000 mg/L (Daphnia magna) |

| Chemical Name       | Toxicity to Algae  | Toxicity to Fish   | Toxicity to Microorganisms | Daphnia Magna (Water Flea)              |
|---------------------|--|--|----------------------------|---|
| Sodium metasilicate |  | LC50 96 h: = 210 mg/L (Brachydanio rerio)<br>LC50 96 h: = 210 mg/L semi-static (Brachydanio rerio)   |                            | EC50 96 h: = 216 mg/L (Daphnia magna)   |
| Isopropyl alcohol   | EC50 72 h: > 1000 mg/L (Desmodesmus subspicatus)<br>EC50 96 h: > 1000 mg/L (Desmodesmus subspicatus) | LC50 96 h: = 11130 mg/L static (Pimephales promelas)<br>LC50 96 h: = 9640 mg/L flow-through (Pimephales promelas)<br>LC50 96 h: > 1400000 µg/L (Lepomis macrochirus) |                            | EC50 48 h: = 13299 mg/L (Daphnia magna) |

**Persistence and Degradability** No information available.

**Bioaccumulative Potential** No information available.

**Mobility** Adsorbs on soil.

| Chemical Name         | Log Pow |
|-----------------------|---------|
| Sodium lauryl sulfate | 1.6     |
| Isopropyl alcohol     | 0.05    |

### 13. DISPOSAL CONSIDERATIONS

**Waste from Residues / Unused Products** Dispose of in accordance with local regulations.

**Contaminated Packaging** Dispose of in accordance with local regulations.

**Other Information** According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

### 14. TRANSPORT INFORMATION

**IMDG/IMO** Not regulated

**RID** Not regulated

**ADR** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

## 15. REGULATORY INFORMATION

The preparation is classified as dangerous in accordance with Directive 1999/45/EC.

### Labeling

**Contains** Sodium lauryl sulfate .

### **Symbol(s)**

Xi - Irritant



### **R-phrase(s)**

R36/38 - Irritating to eyes and skin

### **S-phrase(s)**

S25 - Avoid contact with eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

### International Inventories

|                      |          |
|----------------------|----------|
| <b>TSCA</b>          | Complies |
| <b>EINECS/ELINCS</b> | -        |
| <b>DSL/NDSL</b>      | -        |
| <b>PICCS</b>         | -        |
| <b>ENCS</b>          | -        |
| <b>IECSC</b>         | -        |
| <b>AICS</b>          | -        |
| <b>KECL</b>          | -        |

### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**EINECS/ELINCS** - European Inventory of Existing Commercial Chemical Substances/EU List of Notified Chemical Substances

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

**PICCS** - Philippines Inventory of Chemicals and Chemical Substances

**ENCS** - Japan Existing and New Chemical Substances

**IECSC** - China Inventory of Existing Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**KECL** - Korean Existing and Evaluated Chemical Substances

## 16. OTHER INFORMATION

### Full text of R-phrases referred to under Sections 2 and 3

R20 - Harmful by inhalation

R11 - Highly flammable

R36 - Irritating to eyes

R34 - Causes burns

R37 - Irritating to respiratory system

R67 - Vapors may cause drowsiness and dizziness

R41 - Risk of serious damage to eyes

R36/37/38 - Irritating to eyes, respiratory system and skin

R21/22 - Harmful in contact with skin and if swallowed

R36/38 - Irritating to eyes and skin

## 16. OTHER INFORMATION

**Prepared By** Product Stewardship  
23 British American Blvd.  
Latham, NY 12110  
1-800-572-6501

**Issuing Date** 16-Nov-2009

**Revision Date** 11-Mar-2011

**Revision Note** Name change.

This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006

### **General Disclaimer**

The information provided on this SDS is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other material or in any process, unless specified in the text

End of Safety Data Sheet